

### **Remarks**

The Examiner stated in the action that the claims submitted with the application go to five different inventions:

- Group I      Claims 1-6 drawn to a method of forming a high resolution image of a pattern formed on an image transducer on a medium;
- Group II     Claims 7-13 drawn to a method of forming an image having edge placement accuracy to a small fraction of a pixel using an image transducer having coarse pixels;
- Group III    Claims 14-15 drawn to a scanning image system, method of transferring pattern data stored in pattern memory arrays in communication with the image transducer memory array between pulse-exposures of a radiation source;
- Group IV    Claims 16-28 and 32 drawn to a highly parallel data bus architecture; and
- Group V     Claims 29-31 drawn to a method of patterning a substrate.

Having reviewed the claims as grouped by the Examiner in the Restriction Requirement, the Applicant traverses the restriction. With respect to Groups I and II, it is the opinion of the Applicant that independent claim 1 is a subset of independent claim 7, namely what is called for in claim 1 corresponds directly with steps d and e of claim 7. Therefore, Groups I and II should clearly be recombined. Further it is the opinion of the Applicant that all of the claims in all of Groups represent the same invention with the invention being claimed in similar ways.

Thus it is respectfully requested that the Restriction be withdrawn and examination proceed with respect to all of the claims presented in the present application.

At a minimum, it is respectfully requested that Groups I and II be combined and

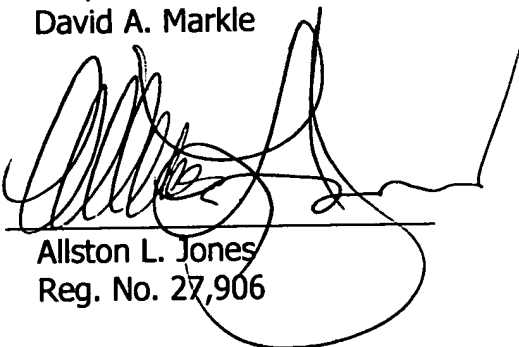
examination proceed with respect to claims 1-13.

Since an election must be made despite the Applicant's traverse, Group II claims 7-13 are elected should no portion of the Restriction be removed. Should the Examiner not remove the Restriction Requirement, in whole or in part, it is respectfully requested that the non-elected claims be rejoined if the art that is searched goes to both structures and methods of the type of the present invention.

In any case, the Applicant reserves the right to either reintroduce any withdrawn claims in the present application, in a divisional application, or otherwise, at a later date without prejudice.

Favorable action is respectfully requested.

Respectfully submitted,  
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